

Management of Complex Cultural Heritage Projects: UC CEISMIC Earthquake Archive

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UC
UNIVERSITY OF
CANTERBURY
CEISMIC
Canterbury Earthquake Digital Archive

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NATIONAL LIBRARY
OF NEW ZEALAND



Canterbury & City
Libraries

CERA
Canterbury Earthquake Recovery Agency

NEONSCREEN

Canterbury
Museum



ARCHIVES
NEW ZEALAND

THE FILM ARCHIVE

WE'RE BUILDING A COMPREHENSIVE DIGITAL ARCHIVE OF VIDEO, AUDIO, DOCUMENTS AND IMAGES RELATED TO THE CANTERBURY EARTHQUAKES OF 2010 AND 2011.

[VIEW THE GALLERY](#)

**WE'D LOVE YOU
TO JOIN US!**

The UC CEISMIC Digital Archive is designed to preserve the memories and experiences of people of the Canterbury region. Like the rebuild of our physical city, it's going to take some years to create this asset. We need you, your stories, your support, your ideas.

**THE EARTHQUAKES THAT STRUCK
CANTERBURY IN 2010 AND 2011
ARE AMONG THE MOST
SIGNIFICANT EVENTS IN NEW
ZEALAND HISTORY.**

The 7.1 quake which struck on September 4, 2010 caused widespread damage and two serious injuries.

Search



FIND A RESEARCHER



QuakeStories.govt.nz

canterbury, your place, your stories

“A massive roar of movement, unimaginable
to anyone who has not experienced it...”

—Danielle
Queenstown, Otago, New Zealand

[←](#) | [next story →](#)

YOU'VE GOT A STORY TO TELL

Share your stories and photos of the Canterbury earthquakes. Get involved
and help shape this living memorial to share with future generations.

YOUR STORIES

YOUR PHOTOS



CEISMIC

Canterbury Earthquake Digital Archive

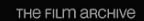


Strategy

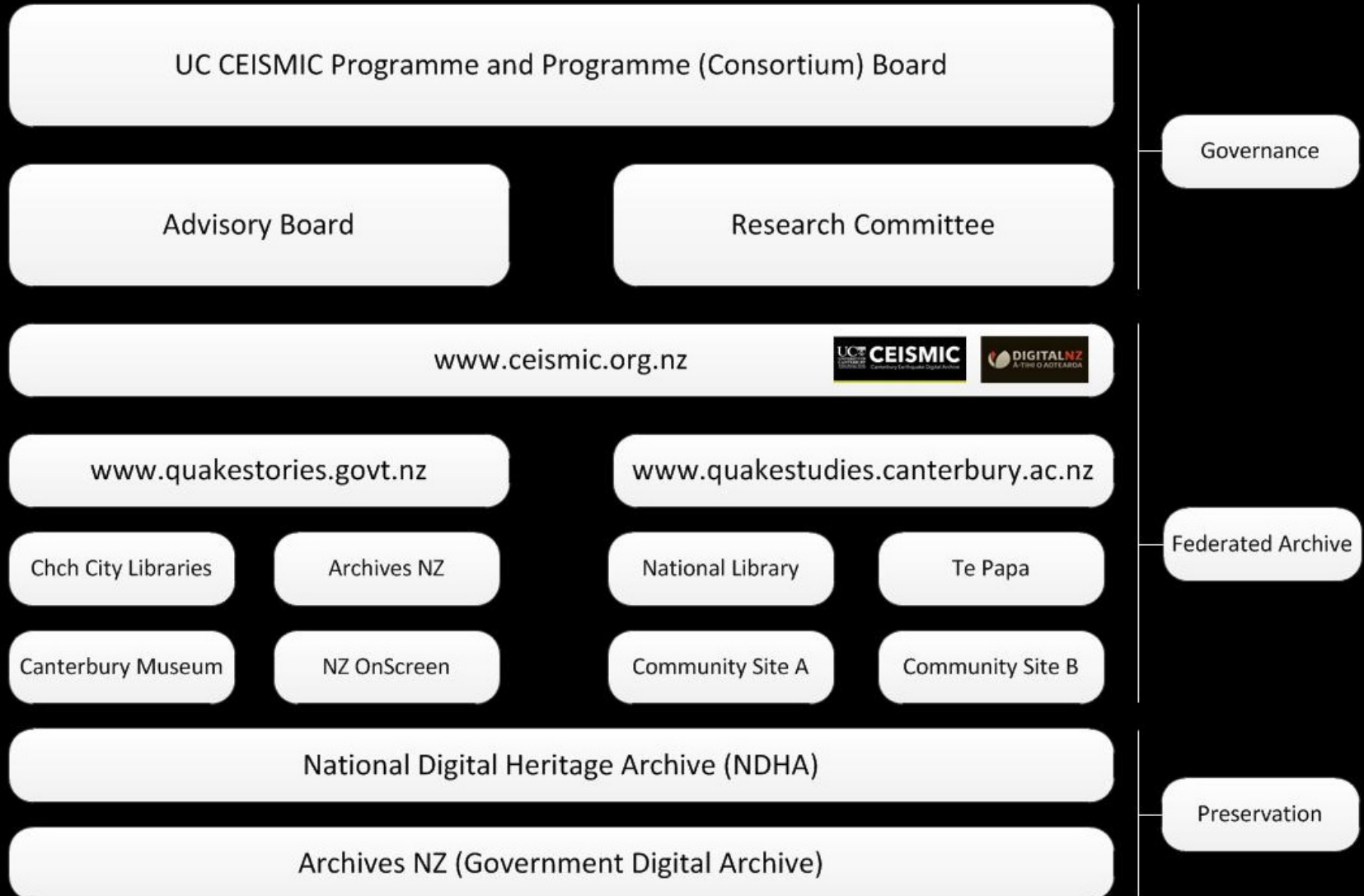
- Leverage existing national infrastructure.
- Federate.
- Iterate.
- Build an ecosystem.
- Engage with the community.
- Value and enable research.
- Build an on-ramp to HPC and Data Fabric.
- Embrace heterogeneity:
 - of ontologies, schemas, systems, data;
 - of copyright;
 - of communities.
- View problems as research problems.
- Be in it for the long-haul.



CEISMIC
Canterbury Earthquake Digital Archive



Governance



Ecosystem



UC
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UC CEISMIC Programme Office, Programme Board, Research Committee

Open Access

www.ceismic.org.nz search

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A-TIHI O AOTEAROA



World

Community
Aggregation
& Access



NZ Public

Institutional
Curation,
Archiving &
Access



Schools

Research &
Preservation



Universities

The Numbers

Public or in development: 84, 593.

UC CEISMIC:

- Total items available to public: 54,943
- Images: approximately 39,000
- Video: approximately 1,000
- Audio: approximately 200
- Newspapers: approximately 10,000 pages (156 newspapers)

UC QuakeStudies:

- Total parts (public and non-public): 64,493
 - Public: 34,914
 - Researcher only: 4974
 - Embargoed: 590
 - In development: 24,015
 - Creative Commons Licence: 24,237
- Formats:
 - Image: 46,999
 - Text: 14,755
 - Video: 938
 - Audio: 615
 - Other: 1186

Constraints

- The problem of scale:
 - Governance;
 - Political will;
 - Ownership.
- The problem of complexity:
 - Forget the systems; good engineers can deal with that;
 - Governance / project definition & management / funding / initiation.
- The problem of time:
 - We want to be here forever; key agencies aren't;
 - Knowledge about the data, and where it is, is as important as the data itself.
- Funding and Sustainability:
 - UC CEISMIC in 2015, 2016, 2020?

Video Selection: QuakeBox and Community Collection



Title: [Video of Debbie-Lee Osborne's earthquake story](#)

Description: Video of Debbie-Lee Osborne's earthquake story, captured by the UC QuakeBox project.

Part of: [Debbie-Lee Osborne's earthquake story](#)

Format: Video (mp4)

Extent: 12 MB

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Creator party: [New Zealand Institute of Language, Brain and Behaviour](#)

Related to categories: [Social Science](#)



Title: Video of the Christchurch red zone captured by GPS Boomerang's SmartBird UAV

Description: Video of the Christchurch red zone captured by GPS Boomerang's SmartBird UAV on 5 June 2012.

Part of: 5 June 2012 - SmartBird flight over the Christchurch red zone

Format: Video (mp4)

Extent: 153 MB

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Tags: aerial